

INDEXING VIRTUAL ATTRIBUTES IN A DIRECTORY SERVER SYSTEM

ABSTRACT OF THE INVENTION

The invention proposes a directory server, capable of interacting with
5 entries organized in a tree structure. Each entry has attributes, these attributes
comprising real attributes each having a value stored in the entry. The directory
server comprising: a mechanism capable of associating a virtual attribute to an
entry, subject to a virtual attribute condition being verified, the virtual attribute
condition being derived from data located elsewhere in the tree structure, and a
10 resolving function, capable of receiving a first filter expression, based on a
virtual attribute, for converting it into one or more second filter expressions,
containing real attributes, and being computed from the first filter expression
and from the virtual attribute condition.